

FORM PTO-1390  
(REV 5-93)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

JOINT Rec'd PCT/PTO 30 NOV 2001

ATTORNEY DOCKET NO.  
100564-00090

DATE: November 30, 2001

U.S. APPL. NO. 09/980116  
(IF KNOWN, SEE 37 C.F.R. 1.5)  
Not Yet Assigned

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

INTERNATIONAL APPLICATION NO.  
PCT/EP00/05024

INTERNATIONAL FILING DATE  
31 May 2000

PRIORITY DATE CLAIMED  
31 May 1999, 17 June 1999, 21 July 1999

TITLE OF INVENTION: ESSENTIAL GENE AND GENE PRODUCTS FOR IDENTIFYING, DEVELOPING AND OPTIMISING IMMUNOLOGICAL AND PHARMACOLOGICAL ACTIVE INGREDIENTS FOR THE TREATMENT OF MICROBIAL INFECTIONS

APPLICANT(S) FOR DO/EO/US: Heiko APFEL, Thilo M. FUCHS, Carol P. GIBBS, Christoph J. HUECK, Thomas F. MEYER

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.  
(THE BASIC FILING FEE IS ATTACHED)
  2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
  3. ☒ This express request to begin national examination procedures [35 U.S.C. 371(f)] at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
  4. ☐ A proper demand for International Preliminary Amendment was made by the 19th month from the earliest claimed priority date.
  5. ☒ A copy of the International Application as filed [35 U.S.C. 371(c)(2)]
    - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
    - b. ☐ has been transmitted by the International Bureau.
    - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
  6. ☐ A translation of the International Application into English [35 U.S.C. 371(c)(2)].
  7. ☒ Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)]
    - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
    - b. ☐ have been transmitted by the International Bureau.
    - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
    - d. ☒ have not been made and will not be made.
  8. ☐ A translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].
  9. ☒ An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].
  10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].
- Items 11 - 16 below concern other document(s) or information included:
11. ☒ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
  12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.26 and 3.31 is included.
  13. ☒ A FIRST preliminary amendment.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
  14. ☐ A substitute specification.
  15. ☐ A change of power of attorney and/or address letter.
  16. ☒ Other items or information: ☒ PCT/RO/101 (in German); PCT/IB/306; PCT/ISA/206; 118 pages of Sequence Listing Drawings (82 sheets)

2